

AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions and listings of claims in the application:

LISTING OF CLAIMS:

1. (previously presented): A communication method for a portable radio terminal with an infrared communication function, said communication method comprising:

judging whether a radio communication function section is in radio communication or not; and

controlling a driving current of a light emitting element in an infrared communication function section,

wherein a user is notified that a communicable distance of said infrared communication function is restricted when the radio communication function section is in radio communication.

2. (original) The communication method for a portable radio terminal with an infrared communication function according to Claim 1, wherein said driving current of said light emitting element in said infrared communication function section is controlled in accordance with a transmission power value of said radio communication function section.

3. (canceled).

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4. (previously presented): A communication method for a portable radio terminal with an infrared communication function, said communication method comprising:
judging whether a radio communication function section is in radio communication or not; and

selecting an infrared communication function section among a plurality of infrared communication function sections,

wherein a user is notified that a communicable distance of said infrared communication function is restricted when the radio communication function section is in radio communication.

5. (previously presented) The communication method for a portable radio terminal with an infrared communication function according to Claim 4, wherein said infrared communication function section is selected among said plurality of infrared communication function sections in accordance with a transmission power value of said radio communication function section.

6. (canceled).

7. (previously presented): A portable radio terminal with an infrared communication function comprising:

a radio communication function section;
an infrared communication function section; and

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an information processing section operable to detect a function state of said radio communication function section and operable to control an infrared output from said infrared communication function section,

wherein said function state indicates whether there is radio output from said radio communication function section, and

wherein the infrared output from said infrared communication function section is not restricted when the information processing section detects a function state indicating there is no radio output from said radio communication function section.

8. (previously presented) The portable radio terminal with an infrared communication function according to Claim 7, wherein said function state indicates whether there is radio output from said radio communication function section.

9. (previously presented): A portable radio terminal with an infrared communication function comprising:

a radio communication function section;

an infrared communication function section; and

an information processing section operable to detect a function state of said radio communication function section and operable to control an infrared output from said infrared communication function section,

wherein said function state indicates whether there is radio output from said radio communication function section, and

wherein said infrared output is controlled so as to restrict a communicable distance of said infrared communication function when said function state indicates radio output from said radio communication function section.

10. (previously presented) The communication method for a portable radio terminal with an infrared communication function according to Claim 1, wherein the driving current of the light emitting element is not restricted when the radio communication function is not in radio communication.

11. (previously presented) The communication method for a portable radio terminal with an infrared communication function according to Claim 10, wherein the driving current of the light emitting element is restricted when the radio communication function is in radio communication.

12. (previously presented) The communication method for a portable radio terminal with an infrared communication function according to Claim 1, wherein the driving current of the light emitting element is restricted when the radio communication function is in radio communication.

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13. (previously presented) The communication method for a portable radio terminal with an infrared communication function according to Claim 4, wherein a driving current of the light emitting element is not restricted when the radio communication function is not in radio communication.

14. (previously presented) The communication method for a portable radio terminal with an infrared communication function according to Claim 13, wherein the driving current of the light emitting element is restricted when the radio communication function is in radio communication.

15. (previously presented) The communication method for a portable radio terminal with an infrared communication function according to Claim 4, wherein a driving current of the light emitting element is restricted when the radio communication function is in radio communication.

16. (canceled).

17. (previously presented): The portable radio terminal with an infrared communication function according to Claim 7, wherein the infrared output from said infrared communication function section is restricted when the information processing section detects a function state indicating there is radio output from said radio communication function section.

18. (previously presented): A communication method for a portable radio terminal with an infrared communication function comprising:

a radio communication function section;

an infrared communication function section; and

an information processing section operable to detect a function state of said radio communication function section and operable to control an infrared output from said infrared communication function section,

wherein said function state indicates whether there is radio output from said radio communication function section, and

wherein the infrared output from said infrared communication function section is restricted when the information processing section detects a function state indicating there is radio output from said radio communication function section.

19. (previously presented): A communication method for a portable radio terminal with an infrared communication function, said communication method comprising:

judging whether a radio communication function section is in radio communication or not; and

controlling a driving current of a light emitting element in an infrared communication function section,

wherein the step of controlling the driving current of the light emitting element enables the light emitting element in the infrared communication function section to output infrared light.

20. (canceled).